



ÖLFLEX® 100 I CY FR-LSH

Colour coded screened PVC power and control cable



Info

- ISI marked cable, FR-LSH For reduced Halogen and Smoke

Benefits

- EMC Compliant
- High electrical performance due to 3 kV test voltage
- Protection of human life and the environment due to reduced smoke and low toxicity

Application range

- Plant engineering and installation, Industrial machinery
- Power circuit for Air conditioning installations
- Main power circuit to individual apartments
- Fixed Installation

- For fixed installation as well as occasional flexing at free, non-continuously recurring movement without tensile load

Product features

- Flame retardant: According to IEC 60332-1
- Low smoke and Low Halogen : As per data sheet

Product Make-up

- Conductor : Bare copper wires of fine strands
- Insulation : PVC Type A
- Copper braid with approx. 65% coverage
- Outer Sheath: PVC FR-LSH ST 1 Grey (RAL 7001)

Technical data

- Core identification code**
Coloured
- Conductor stranding**
Bare copper, fine wire strand class 5 in acc. to IS 8130-1984
- Minimum bending radius**
Occasional fixing Installation: 20 x OD,
Fixed installation: 6 X Cable OD
- Nominal voltage**
UM : 1100, Up to and including 1100 V
- Temperature range**
-15°C up to +70°C

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® 100 I CY FR-LSH				
380630315	3 G 1.5	10.2	70.0	180
380630305	3 X 1.5	10.2	70.0	180
380630415	4 G 1.5	11.1	86.0	218
380630405	4 X 1.5	11.1	86.0	218
380640205	2 X 2.5	11.3	78.0	214
380640315	3 G 2.5	12.0	100.0	246
380640305	3 X 2.5	12.0	100.0	246
380640415	4 G 2.5	13.1	126.0	305
380640405	4 X 2.5	13.1	126.0	305
380640515	5 G 2.5	14.6	168.0	380
380640505	5 X 2.5	14.6	168.0	380
380650315	3 G 4	14.1	168.0	382
380650305	3 X 4	14.1	168.0	382
380650415	4 G 4	15.4	211.0	452
380650405	4 X 4	15.4	211.0	452
380650515	5 G 4	16.9	249.0	533
380660305	3 X 6	15.6	230.0	489
380660415	4 G 6	17.2	286.0	579
380660405	4 X 6	17.2	286.0	579
380661415	4 G 10	21.5	469.0	928
380661405	4 X 10	21.5	469.0	928
380662415	4 G 16	24.5	689.0	1,265
380662405	4 X 16	24.5	689.0	1,265
380663415	4 G 25	30.0	1,079.0	1,937
380663405	4 X 25	30.0	1,079.0	1,937
380663515	5 G 25	33.3	1,323.0	2,343
380664415	4 G 35	33.8	1,384.0	2,422
ÖLFLEX® 100 I CY FR-LSH UVAR				
380600435	4 G 0.5	9.2	49.0	144
380610435	4 G 0.75	9.8	58.0	162
380620435	4 G 1.0	10.2	67.0	178
380640225	2 X 2.5	11.3	78.0	214
380640335	3 G 2.5	12.0	100.0	246
380640325	3 X 2.5	12.0	100.0	246
380640435	4 G 2.5	13.1	126.0	305
380640425	4 X 2.5	13.1	126.0	305
380640535	5 G 2.5	14.6	168.0	380
380640525	5 X 2.5	14.6	168.0	380
380665335	3 G 50	35.4	1,465.0	2,688
380665325	3 X 50	35.4	1,465.0	2,688
380665435	4 G 50	39.4	1,900.0	3,341

- If not otherwise specified, all values relating to the product are nominal values. Other value information, such as tolerances, for example, can be obtained on request where available and released for publishing.
- Photographs are not to scale and do not represent detailed images of the respective products.

ÖLFLEX®
UNITRONIC®
ETHERLINE®
HITRONIC®
EPIC®
SKINTOP®
SILVYN®
FLEXIMARK®
ACCESSORIES
APPENDIX